

FPPPA CALCULATION AS PER APPROVED FORMULA

V_f	Amount of differential cost on account of fuels on APGCL generation	-46.895 Rs.Crore
V_{pp}	Amount of differential cost on account of Power purchase	53.029 Rs.Crore
	Adjustment of under/ excess recovery of FPPPA for immediate previous Quarter	Rs.Crore
	Any Other Adjustment	107.747 Rs.Crore
Total V	Amount of incremental Cost in a specified period on account of Fuel & Power Purchase	113.881 Rs.Crore

FPPPA Recovery Rate

Energy Sales			MU		KWH	
	(a) Metered Energy Sale	ES1	1,834.50		18345,04,150.48	
	(b) Assesment Unmetered sale	ES2			-	
	(c) Deemed sale of energy on Account of excess T&D Loss	ES3	123.34		1233,37,844.24	
	less (d) Energy Sale to the Exempted categories of consumers	ES4			-	
Energy Sale = ES1+ES2+ES3-ES4			1,957.84		19578,41,994.72	

Calculation of Deemed sale of Energy due to higher T&D loss

	Injection to the State Network (MU)	Actual sale (MU)	%T&D Loss	Approved %T&D Loss	Deemed Sale (MU)
Energy for Month 4	789.845	579.81	26.59%	20.60%	47.33
Energy for Month 5	871.083	615.64	29.32%	20.60%	76.01
Energy for Month 6	801.961	639.05	20.31%	20.60%	-2.29
	2462.888	1834.504			123.34

$\text{FPPPA Recovery Rate} = \frac{V(\text{Rs})=1138813521}{\text{Energy Sales (KWH)}=1957841995} \times 100 = \text{Rs}0.59/\text{kWh}$

Sd/-
(Sign. & Seal)

		Month 4 (Jul'16)						Month 5 (Aug'16)						Month 6 (Sept'16)					
SI No	Agency/ source	Input	FC	EC	Other Charges (Pls specify Details in Notes)	Total	Rate	Input	FC	EC	Other Charges (Pls specify Details in Notes)	Total	Rate	Input	FC	EC	Other Charges (Pls specify Details in Notes)	Total	Rate
		MU	Rs. Crs	Rs. Crs	Rs. Crs	Rs. Crs		MU	Rs. Crs	Rs. Crs	Rs. Crs	Rs. Crs		MU	Rs. Crs	Rs. Crs	Rs. Crs	Rs. Crs	
1	APGCL #	158.16	26.56	26.39		52.95	3.35	148.79	26.56	25.79		52.35	3.52	153.61	26.56	23.23		49.79	3.24
2	NEEPCO (HYDRO)																		
	Kopili I HEP	71.93	3.04	3.39		6.43	0.89	73.57	3.09	3.47		6.56	0.89	72.64	3.02	3.42		6.44	0.89
	Kopili II HEP	7.61	0.39	0.64		1.02	1.34	7.90	0.40	0.66		1.06	1.33	5.12	0.35	0.43		0.78	1.53
	Khandong HEP	17.41	1.23	1.30		2.53	1.45	12.14	1.10	0.90		2.00	1.65	9.90	1.01	0.74		1.75	1.77
	Ranganadi HEP	115.10	6.48	11.40		17.87	1.55	52.92	6.41	5.24		11.65	2.20	66.17	6.21	6.55		12.76	1.93
	Doyang HEP	21.39	2.69	5.49		8.18	3.82	22.55	2.77	5.78		8.56	3.79	22.71	2.78	5.83		8.61	3.79
3	NEEPCO (HYDRO) New																		
	KAMENG HEP					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
4	NEEPCO (TH)																		
	AGBPP	68.14	13.95	11.39		25.34	3.72	64.87	11.90	10.49		22.39	3.45	47.35	8.97	7.18		16.15	3.41
	AGTPP	32.46	5.20	5.15		10.35	3.19	33.49	4.94	5.31		10.24	3.06	29.24	4.36	4.61		8.98	3.07
	AGTPP Extn.	-						-						-					
5	NHPC Existg,LgHEP	22.32	2.38	4.08		6.47	2.90	21.16	2.39	3.87		6.27	2.96	21.59	2.31	3.95		6.26	2.90
	NHPC New					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
	SUBANSIRI HEP					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
6	NTPC (Existing)																		
	Farakka	20.75	2.01	5.23		7.23	3.49	25.59	1.65	6.24		7.89	3.08	23.57	1.95	6.12		8.07	3.42
	Kahalgaon I	8.78	0.94	2.37		3.32	3.78	11.05	3.23	2.52		5.75	5.21	8.57	1.07	2.15		3.22	3.76
	Kahalgaon II	29.40	5.21	7.59		12.80	4.35	52.69	4.79	12.09		16.89	3.20	48.39	5.25	11.63		16.88	3.49
	Talcher	8.58	1.48	1.43		2.91	3.39	13.27	1.09	2.05		3.15	2.37	13.10	1.13	1.96		3.10	2.36
	Farakka-III	-	-	(0.00)		(0.00)	#DIV/0!	-	(2.52)	-		(2.52)	#DIV/0!	-	-	(0.16)		(0.16)	#DIV/0!
7	NTPC (New) BTPS	71.61	19.05	24.80		43.85	6.12	78.54	27.01	19.05		46.06	5.86	115.19	19.05	31.02		50.06	4.35
8	ADAMTILLA (SIPP)					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
	BANSKANDI (SIPP)					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
9	MeECL	2.64	0.06	1.49		1.56	5.89	2.89	0.10	1.64		1.73	5.98	2.74	0.09	1.55		1.64	5.97
10.1	NCE Source: HHPCPL	1.36	-	0.56		0.56	4.11	0.67	-	0.28		0.28	4.11	1.34	-	0.55		0.55	4.11
10.2	JNNSM Bundled Solar power	0.61	-	0.74		0.74	12.10	0.59	-	0.64		0.64	10.92	0.67	-	0.81		0.81	12.01
10.3	JNNSM Bundled Coal power	3.05	-	1.11		1.11	3.65	3.25	-	0.88		0.88	2.70	2.97	-	1.06		1.06	3.57
11.1	Trading Purchase- Inter Region	7.64	-	-		-	-	8.04	-	4.50		4.50	5.60	8.13	-	4.74		4.74	5.83
11.2	Trading Purchase- Intra Region	57.01	-	23.18		23.18	4.07	60.41	-	25.08		25.08	4.15	47.00	-	18.44		18.44	3.92
12	OTPC	107.35	16.82	14.52		31.34	2.92	122.51	18.04	16.56		34.60	2.82	87.05	17.42	15.60		33.02	3.79
	Any Additional Source					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
13	IOC(AOD)	2.11	-	0.82		0.82	3.87	-	-	0.80		0.80	#DIV/0!	-	-	-		-	#DIV/0!
	SECI	3.68	-	2		2.25	6.10	3.63	-	2		2.13	5.86	3.64	-	2		2.22	6.11
	Suryataap Solar	-	-	-		-	#DIV/0!	0.21	-	0		0.20	9.72	0.52	-	1		0.50	9.72
	RENEWABLE ENERGY CERTIFICATE					-	#DIV/0!					-	#DIV/0!					-	#DIV/0!
	Total	839.09	107.49	155.29	-	262.79	3.13	820.75	112.96	156.18	-	269.13	3.28	791.23	101.54	154.12	-	255.67	3.23
	IEX																		
	-Purchase	25.34	-	7.37		7.37	2.91	45.87	-	13.19		13.19	2.88	24.79	-	7.58		7.58	3.06
	PSA	-	-	-		-	-	-	-	-		-	-	-	-	-		-	-
	UI	27.27	-	6.33		6.33		69.66	-	15.87		15.87		52.27	-	12.03		12.03	
	Net	52.61	-	13.70	-	13.70		115.53	-	29.06	-	29.06		77.06	-	19.61	-	19.61	
	CTU Loss*/ Charges	11.20	39.16			39.16	0.48	11.31	37.30			37.30	0.45	9.38	40.23			40.23	0.53
	Grss Energy Input	880.50	68.34	168.99	-	237.33	2.70	924.97	75.65	185.24	-	260.89	2.82	858.92	61.31	173.73	-	235.05	2.74
	Energy Sold in IEX	65.45						20.25						36.87					
	Bilateral Sale	-						-						-					
	PSA Outgo	25.21						33.63						20.09					
	Energy Purchased/ (Sold) in UI	-						-						-					
	Net Energy Input at State Network	789.85	146.65	168.99	-	315.64		871.08	150.26	185.24	-	335.50		801.96	141.78	173.73	-	315.51	3.93

Total (FY 2016-17) [Provisional]							Difference			
Sl No	Agency/ source	Input	FC	EC	Other Charges (Pls specify Details in Notes)	Total	Rate	Approved (FY 15-16_Issued on 24.07.15)	Difference	Total Diff
		MU	Rs. Crs	Rs. Crs	Rs. Crs			Rate	per unit	Rs Crs
1	APGCL #	460.56	79.69	75.40	-	155.10	3.37	4.39	(1.02)	(46.89)
2	NEEPCO (HYDRO)	-	-	-	-	-	-	-	-	-
	Kopili I HEP	218.15	9.15	10.28	-	19.43	0.89	0.79	0.10	2.14
	Kopili II HEP	20.64	1.14	1.72	-	2.86	1.38	1.56	(0.18)	(0.36)
	Khandong HEP	39.45	3.34	2.94	-	6.28	1.59	1.99	(0.39)	(1.55)
	Ranganadi HEP	234.19	19.10	23.18	-	42.28	1.81	2.99	(1.18)	(27.74)
	Doyang HEP	66.65	8.25	17.10	-	25.34	3.80	4.72	(0.92)	(6.14)
3	NEEPCO (HYDRO) New	-	-	-	-	-	-	-	-	-
	KAMENG HEP	-	-	-	-	-	-	-	-	-
4	NEEPCO (TH)	-	-	-	-	-	-	-	-	-
	AGBPP	180.36	34.82	29.07	-	63.88	3.54	3.58	(0.04)	(0.74)
	AGTPP	95.19	14.50	15.06	-	29.57	3.11	4.04	(0.93)	(8.85)
	AGTPP Extn.	-	-	-	-	-	-	-	-	-
5	NHPC Existg.LgHEP	65.08	7.08	11.91	-	18.99	2.92	3.01	(0.09)	(0.57)
	NHPC New	-	-	-	-	-	-	-	-	-
	SUBANSIRI HEP	-	-	-	-	-	-	-	-	-
6	NTPC (Existing)	-	-	-	-	-	-	-	-	-
	Farakka	69.91	5.61	17.59	-	23.20	3.32	3.74	(0.42)	(2.92)
	Kahalgaon I	28.39	5.25	7.04	-	12.29	4.33	3.28	1.05	2.98
	Kahalgaon II	130.48	15.25	31.31	-	46.56	3.57	3.59	(0.02)	(0.24)
	Talcher	34.95	3.71	5.44	-	9.15	2.62	2.20	0.42	1.47
	Farakka-III	-	(2.52)	(0.17)	-	(2.68)	#DIV/0!	4.48	-	-
7	NTPC (New) BTPS	265.34	65.10	74.86	-	139.96	5.27	4.36	0.92	24.28
8	ADAMTILLA (SIPP)	-	-	-	-	-	#DIV/0!	-	#DIV/0!	-
	BANSKANDI (SIPP)	-	-	-	-	-	#DIV/0!	-	#DIV/0!	-
9	MeECL	8.28	0.24	4.68	-	4.92	5.95	3.19	2.76	2.28
10.1	NCE Source: HHPCPL	3.37	-	1.39	-	1.39	4.11	3.14	0.97	0.33
10.2	JNNSM Bundled Solar power	1.87	-	2.19	-	2.19	11.70	10.92	0.78	0.15
10.3	JNNSM Bundled Coal power	9.27	-	3.05	-	3.05	3.29	3.79	(0.50)	(0.46)
11.1	Trading Purchase- Inter Region	23.81	-	9.25	-	9.25	3.88	3.40	0.48	1.15
11.2	Trading Purchase- Intra Region	164.43	-	66.70	-	66.70	-	3.39	0.67	10.96
12	OTPC	316.92	52.29	46.68	-	98.96	3.12	3.20	(0.08)	(2.40)
	Any Additional Source	-	-	-	-	-	-	-	-	-
13	IOC(AOD)	2.11	-	1.62	-	1.62	7.67	3.87	3.80	0.80
	SECI	10.95	-	6.60	-	6.60	6.03	-	6.03	6.60
	Suryataap Solar	0.73	-	0.71	-	0.71	9.72	-	9.72	0.71
	RENEWABLE ENERGY CERTIFICATE	-	-	-	-	-	#DIV/0!	-	#DIV/0!	-
	Total	2,451.08	321.99	465.60	-	787.59	3.21			(45.03)
	IEX	-	-	-	-	-	-	-	-	-
	-Purchase	96.00	-	28.14	-	28.14	2.93	2.87	0.06	0.54
	PSA	-	-	-	-	-	-	-	-	-
	UI	149.20	-	34.23	-	34.23	2.29	-	2.29	34.23
	Net	245.20	-	62.36	-	62.36				
	CTU Loss*/ Charges	31.89	116.69	-	-	116.69	0.48	0.42	-	16.39
	Gross Energy Input	2,664.39	205.30	527.96	-	733.26	2.75	3.35		-
	Energy Sold in IEX	122.57	-	-	-	-	-	-	-	-
	Bilateral Sale	-	-	-	-	-	-	-	-	-
	PSA Outgo	78.93	-	-	-	-	-	-	-	-
	Energy Purchased/ (Sold) in UI	-	-	-	-	-	-	-	-	-
	Net Energy Input at State Network	2,462.89	438.69	527.96	-	966.65	3.92	3.35		6.13